Washington State Citizens Committee on Pipeline Safety Department of Ecology Spills Prevention, Preparedness and Response Program Pipeline Oil Spill Contingency Plan, Drill, and GRP Updates 9/9/2015

Ecology's Spills Program is responsible for review and approval of Oil Spill Contingency Plans and evaluation of oil spill drills for pipelines here in Washington State. Ecology tracks drill progress over a three year drill cycle. In each of the three years, plan holders are required to have one tabletop exercise and two deployment exercises. In one of the three years each plan holder is required to hold a worst case tabletop drill. We also develop spill response strategies (geographic response plans) for the water bodies that pipelines cross.

Pipeline Oil Spill Contingency Plan and Drill Updates

Phillips 66 Integrated Contingency Plan Washington State Annex (Yellowstone Pipeline)

The Phillips 66 ICP Washington State Annex was approved on October 10, 2013. A plan update consisting mainly of administrative and organizational changes was received on 6-10-15 and approved.

2015 Scheduled Drills:

- 4/9/2015: Deployment Drill Crab Creek, Moses Lake
- 6/25/2015: Deployment Drill Wildlife equipment deployment, Portland
- 8/6/2015: Deployment Drill Spokane
- 8/5/2015: Tabletop Drill Spokane

Spills:

<u>Tidewater Barge Lines/Tidewater Terminal Company (Pasco Pipeline to Burlington Northern depot)</u>

Tidewater Barge Lines contingency plan includes a 4.2 mile pipeline connecting their Snake River Terminal and Burlington Northern's refueling depot, and a 4900-foot pipeline connecting that same Terminal to the Tesoro Logistics Northwest Pipeline Terminal. Their plan received 5-year approval on June 25, 2014. There have been no changes to the pipeline portion of the plan since then.

2015 Scheduled Drills:

- 5/27/2015: Deployment Drill Pasco Snake River Terminal, emergency shutdown drill
- 6/25/2015: Deployment Drill Wildlife equipment deployment, Portland
- 8/26/2015: Deployment Drill Vessel drill
- 9/30/2015: Deployment Drill Vessel drill
- 10/22/2015: Tabletop Drill WCD, Vancouver

Spills:

Targa Sound Terminal, LLC

Targa's contingency plan includes a three mile long pipeline that connects to the Olympic Pipeline at the Tacoma Station. Their plan approval has been extended to December 4, 2016. A full review of the plan was completed and conditional approval was granted in June, 2015. Plan revisions are due September 25, 2015.

2015 Scheduled Drills:

• 6/4/2015: Deployment Drill - Tacoma

• 7/29/2015: Deployment Drill – Tacoma, GRP deployment

• 9/3/2015: Tabletop Drill

Spills:

6/4/2015 - 1,000 gallons of oily water mixture was discharged into containment due to a mechanical failure of a storage tank floating roof. No oil was released off-site.

Tesoro Logistics Northwest Pipeline

The TLNP plan was approved on October 22, 2014. The latest plan revision was received and approved in March, 2015. The plan approval remains the same.

2015 Scheduled Drills:

• 6/4/2015: Deployment Drill – Pasco

• 6/25/2015: Deployment Drill – Wildlife equipment deployment, Portland

• 8/25/2015: Deployment Drill – Spokane

10/22/2015: Deployment Drill – GRP deployment Spokane River

• 10/20/2015: Tabletop Drill – Spokane

Spills:

BP Pipelines (North America) NW Pipelines District (Olympic Pipe Line and Cherry Point Crude Line)

The BP Pipelines plan is presently in conditional approval. A revised plan was submitted on June 30, 2015. This plan was accepted for review and put up for a 30-day public comment period starting July 7, 2015. A full review, including the incorporation of comments, was completed and sent to BP on August 15, 2015. Required plan updates are due in stages between 30 and 90 days from the conditional approval date. The plan review and public comments are available to view on the Spills Program website.

2015 Scheduled Drills:

• 3/11/2015: Deployment Drill – South Area, GRP deployment

• 6/25/2015: Deployment Drill – Wildlife equipment deployment, Portland

- 8/18/2015: Deployment Drill Central Area, GRP deployment May Creek
- 10/20/2015: Deployment Drill North Area
- 8/19/2015: Tabletop Drill Renton

Spills:

Kinder Morgan Canada Pipeline (TransMountain Pipeline)

The TMP plan was approved in January 2014. The latest plan revision was received and approved in January 2015. The 5-year plan approval remains the same - expiring in January 2019.

2015 Scheduled Drills:

- 3/19/2015: Deployment Drill Bellingham, Emergency shut-down and damage control
- 9/9/2015: Deployment Drill control point on Sumas River
- 9/9/2015: Tabletop Drill Bellingham

Spills:

U.S. Oil & Refining Company/McChord Pipeline

US Oil/McChord Pipeline's 5-year plan approval has been extended to October 8, 2015. The plan was granted Conditional Approval on April 8th. U.S. Oil is in the process of making required changes and will submit revisions no later than October 15th.

2015 Scheduled Drills:

- 9/9/2015: Deployment Drill GRP deployment, Tacoma
- //2015: Deployment Drill Planning to be pipeline drill
- 11/10/2015: Tabletop Drill Tacoma

Spills:

Rule Updates

PIPELINE RULE: Chapter 173-193 WAC Oil Spill Contingency Plan Rule

The Spills Program is requesting permission to update an existing rule. Chapter 173-182 WAC Oil Spill Contingency Plan rule regulates large oil handling facilities, vessels and pipelines. The rule was last updated for pipelines in 2006. At that time the pipeline planning standards were developed to align with the marine terminal standards. In Washington pipelines exist in both marine and inland areas.

After several years of implementing the rule we have identified the need to update our standards to ensure that required oil spill response equipment is appropriate for the pipeline risks and operating environments.

Ecology plans to conduct rulemaking to amend Chapter 173-182 WAC Oil Spill Contingency Plan to:

- Update definitions in our rule to ensure clarity and consistency with existing federal regulations.
- Clarify the Worst Case Discharge calculation.
- Create a new pipeline geographic information planning standard which will use available georeferenced data to support preparedness planning and initial decision making during pipeline oil spills.
- Enhance our existing air monitoring standards for pipelines to ensure safety of oil spill responders and the public.
- Enhance our spills to ground requirements to ensure rapid aggressive and well-coordinated responses to spills to ground which could impact ground water.
- Update our pipeline planning standard storage requirements to ensure the equipment required is appropriate for the environments pipelines may impact.
- Expand the Best Achievable Protection Review Cycle to facilities and pipelines.

Our formal (PUBLIC) rulemaking announcement (CR 101) will be sometime in mid-October.

Additional information is available by contacting Sonja Larson, the lead for this rulemaking, at slar461@ecy.wa.gov or 360.407.6682.

PIPELINE REPORTING OF CRUDE OIL MOVEMENT

HB 1449 continued new requirements for pipelines carrying crude oil to provide biannual reports to Ecology on oil movement. On a quarterly basis Ecology will publish aggregate reported. Non-aggregated information that is proprietary, commercial, or financial is exempt from public disclosure; however, Ecology will provide the information to state emergency managers, Tribal and local governments. Rulemaking will need to occur before this reporting goes into effect (estimated to be completed by June 30, 2017).

Authority: RCW 90.56 (new section), and RCW 42.56.270(23) (public disclosure) **Applicable Rule Chapter:** WAC Title 173, rulemaking required which will likely result in a new chapter.

Geographic Response Plans

Geographic Response Plans (GRPs) are geographic-specific response plans for oil spills to water. They include response strategies tailored to a specific beach, shore, or waterway and are meant to minimize impact on sensitive environmental, cultural and economic resources threatened by the spill. Each GRP has two main priorities:

- To identify sensitive natural, cultural or significant economic resources.
- To describe and prioritize response strategies in an effort to minimize injury to sensitive natural, cultural, and certain economic resources at risk from oil spills.

The areas of work that affect pipeline plans are listed below. All of the GRP's listed below were completed by June 30, 2015.

Columbia River, Lower and Middle, 2015 (Olympic Pipeline, Tidewater, Tesoro).

Duwamish/Green River, 2015 (Olympic Pipeline).

Nisqually River, 2015 (Olympic Pipeline). This is an update of the March 2003 version.

Chehalis River, 2015 (Olympic Pipeline).

Clark/Cowlitz, 2015 (Olympic Pipeline). This is an update of the March 2003 version.

Moses Lake/Crab Creek, 2015 (Phillips 66 Yellowstone Pipeline).

Comments on any GRP's can be submitted to: GRPs@ecy.wa.gov

This concludes Ecology's update.